

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		varistor and (modem "data access arrangement" daa) and configuration and (protect\$4 suppress\$4 and interface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 14:22
		"121" and ((protect\$4 suppress\$4) with (voltage transient)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 18:03
		(electromagnetic electro\$magnetic emi "emi") same suppression same capacitor and (phone or telephone or modem or network (data adj access adj arrangement).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 17:23
		"diode bridge" same capacitor same filter same (emi electro\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 14:21
		(\$dsl\$ and surge and protect\$4 and modem and interface).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:30
L1	444	(379/412).CCLS.	USPAT; USOCR	OR	OFF	2004/12/16 10:52
L2	122	L1 and bridge	USPAT	OR	OFF	2004/12/16 10:52
L3	5	((((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")	USPAT	OR	OFF	2004/12/16 10:52
L4	8	((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and (protection and (surge transient)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 10:52
L5	11	((data and access and (arrangement interface)).ab.) and (modem and protection).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 10:53
S1	126	((379/412).CCLS.) and surge	USPAT	OR	ON	2003/07/28 11:33
S2	14	((((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)	USPAT	OR	ON	2003/07/28 18:07

S3	165	((((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))	USPAT	OR	OFF	2003/07/28 11:54
S4	6	(((((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)) and emi	USPAT	OR	OFF	2003/07/28 12:14
S5	200	((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))	USPAT	OR	OFF	2003/07/28 12:14
S6	5	((((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electromagnetic interference")	USPAT	OR	OFF	2003/07/28 12:19
S7	3	(dsl\$ and protect\$4 and modem and interface).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:30
S8	2	(adsl and protect\$4 and modem and interface).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:30
S9	1	(protect\$4 and modem and interface and transient).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:38
S10	5	((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:31
S11	4	(protect\$4 and modem and interface and surge).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:38
S12	74	(protect\$4 and modem and surge).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:52
S13	12	((protect\$4 and modem and surge).ab.) and modem.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:48

S14	15565	(data and access and (arrangement interface)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 14:01
S15	10	((data and access and (arrangement interface)).ab.) and (modem and protection).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:58
S16	911	("data access" and (arrangement interface)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 14:02
S17	143	("line access" and (arrangement interface)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:17
S18	1054	((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 14:04
S19	5	((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and (protection and (surge transient)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 14:06
S20	18	(((((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and protection and (surge transient)) or (((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and (protection and (surge transient)).ab.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 14:05

S21	16	((((("data access" and (arrangement interface)).ab.) or ("line access" and (arrangement interface)).ab.)) and protection and (surge transient)) or (((("data access" and (arrangement interface)).ab.) or ("line access" and (arrangement interface)).ab.)) and (protection and (surge transient)).ab.)) not (((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)) and emi) or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 14:06
S22	9	(US-6411680-\$ or US-6282271-\$ or US-6212258-\$ or US-6563926-\$ or US-5146384-\$ or US-4941063-\$ or US-5642416-\$ or US-5369666-\$ or US-6351530-\$).did.	USPAT	OR	OFF	2003/07/28 14:51
S23	2	((US-6411680-\$ or US-6282271-\$ or US-6212258-\$ or US-6563926-\$ or US-5146384-\$ or US-4941063-\$ or US-5642416-\$ or US-5369666-\$ or US-6351530-\$).did.) and emi	USPAT	OR	OFF	2003/07/28 14:57
S24	163	("data access arrangement").ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:18

S25	161	((("data access arrangement").ab.) not (((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)) and emi) or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electromagnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:19
S26	1	((("data access arrangement").ab.) not (((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)) and emi) or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electromagnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.))) and chassis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:25
S27	14	(capacitor with (EMI or electromagnetic) with "chassis ground")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:34
S28	56	(modem and (chassis chasis)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:35

S29	1	((modem and (chassis chasis)).ab.) and ground.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:57
S30	2	(emi and capacitor and ground and modem).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:59
S31	16	(capacitor and ground and modem).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:01
S32	64	"diode bridge" same capacitor same filter same (emi electromagnetic electro\$magnetic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:14
S33	0	(emi esd electrostatic electromagnetic) with "diode bridge" with (couple decouple) with filter	USPAT	OR	OFF	2003/07/28 16:29
S34	5430	"diode bridge"	USPAT	OR	OFF	2003/07/28 16:29
S35	1	("0000379").PN.	USPAT; USOCR	OR	OFF	2003/07/28 16:35
S36	42845	("379").CLAS.	USPAT; USOCR	OR	OFF	2003/07/28 16:29
S37	634	((("379").CLAS.) and "diode bridge"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:30
S38	292	((("379").CLAS.) and "diode bridge") and ((coupl\$4 decoupl\$4) with capacitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:35
S39	34	((("379").CLAS.) and "diode bridge") and ((coupl\$4 decoupl\$4) with capacitor)) and (emi esd electrostatic electromagnetic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:46
S40	100999	network same coupl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:50

S41	10413	network adj coupl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:50
S42	12302	(diode or (full\$wave)) adj bridge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:53
S43	10618	diode adj1 bridge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:52
S44	683	((("379").CLAS.) and ((diode or (full\$wave)) adj bridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:53
S45	19	((("379").CLAS.) and ((diode or (full\$wave)) adj bridge)) and (network adj coupl\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 17:19
S46	16	(electromagnetic electro\$magnetic emi "(emi)") same suppression same capacitor and (phone or telephone or modem or network or (data adj access adj arrangement)). ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 17:28

S47	16	((electromagnetic electro\$magnetic emi "(emi)") same suppression same capacitor and (phone or telephone or modem or network or (data adj access adj arrangement)).ab.) not (((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)) and emi) or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.)) (((("379").CLAS.) and "diode bridge") and ((coupl\$4 decoupl\$4) with capacitor)) and (emi esd electrostatic electromagnetic)) (((("379").CLAS.) and ((diode or (full\$wave)) adj bridge)) and (network adj coupl\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 17:25
S48	42	(electromagnetic electro\$magnetic emi "(emi)") same suppress\$4 same capacitor and (phone or telephone or modem or network or (data adj access adj arrangement)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 18:01
S49	42	((electromagnetic electro\$magnetic emi "(emi)") same suppress\$4 same capacitor and (phone or telephone or modem or network or (data adj access adj arrangement)).ab.) not (((("379").CLAS.) and ((diode or (full\$wave)) adj bridge)) and (network adj coupl\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 17:39
S50	1	("5642416").PN.	USPAT; USOCR	OR	OFF	2003/07/28 17:53
S51	0	("capacitorwithsurgewithprotect\$4withemi").PN.	USPAT; USOCR	OR	OFF	2003/07/28 18:05
S52	192443	capacitor withsurge with protect\$4 with emi	USPAT	OR	OFF	2003/07/28 17:54
S53	4	capacitor with surge with protect\$4 with emi	USPAT	OR	OFF	2003/07/28 18:00

S54	1823468	(modem (data access)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 18:02
S55	33824	(modem ("data access")).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 18:02
S56	338	((modem ("data access")).ab.) and ((protect\$4 suppress\$4) with (voltage transient))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 18:04
S57	44	((((modem ("data access")).ab.) and ((protect\$4 suppress\$4) with (voltage transient))) and ((diode or full\$wave)adj (bridge rectif\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 18:05
S58	256	(((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge" and (((379/412).CCLS.) and surge)) or (((379/412).CCLS.) and "diode bridge" or ((379/412). CCLS.) and surge)) and emi or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge" or ((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.) or ((protect\$4 and modem and surge).ab.)) (((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and (protection and (surge transient)).ab.) ((capacitor with (EMI or electromagnetic) with "chassis ground")) ((modem and (chassis chasis)).ab.) ((capacitor and ground and modem).ab.) ((((("379").CLAS.) and "diode bridge" and ((coupl\$4 decoupl\$4) with capacitor)) and (emi esd electrostatic electromagnetic)) ((((("379").CLAS.) and ((diode or (full\$wave)) adj bridge)) and (network adj coupl\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 18:07

S59	0	((((modem ("data access")).ab.) and ((protect\$4 suppress\$4) with (voltage transient))) and ((diode or full\$wave)adj (bridge rectif\$3))) not (((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)) and emi) or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.)) (((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and (protection and (surge transient)).ab.) ((capacitor with (EMI or electromagnetic) with "chassis ground")) ((modem and (chassis chasis)).ab.) ((capacitor and ground and modem).ab.) (((("379").CLAS.) and "diode bridge") and ((coupl\$4 decoupl\$4) with capacitor)) and (emi esd electrostatic electromagnetic)) (((("379").CLAS.) and ((diode or (full\$wave)) adj bridge)) and (network adj coupl\$3)))) and (chassis chasis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 10:28
S60	113267	chassis or chasis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 10:28
S61	98974	"379"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 10:31
S62	63	361/119 and chassis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 13:44

S63	1	("4758920").PN.	USPAT; USOCR	OR	OFF	2003/07/29 14:20
S64	140	varistor and (modem "data access arrangement" daa) and configuration and (protect\$4 suppress\$4) and interface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 14:31
S65	42	(((modem ("data access")).ab.) and ((protect\$4 suppress\$4) with (voltage transient))) and ((diode or full\$wave)adj (bridge rectif\$3))) not (((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)) and emi) or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.)) (((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and (protection and (surge transient)).ab.) ((capacitor with (EMI or electromagnetic) with "chassis ground")) ((modem and (chassis chasis)).ab.) ((capacitor and ground and modem).ab.) (((("379").CLAS.) and "diode bridge") and ((coupl\$4 decoupl\$4) with capacitor)) and (emi esd electrostatic electromagnetic)) (((("379").CLAS.) and ((diode or (full\$wave)) adj bridge)) and (network adj coupl\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 14:29

S66	136	(varistor and (modem "data access arrangement" daa) and configuration and (protect\$4 suppress\$4) and interface) not (((((modem ("data access")).ab.) and ((protect\$4 suppress\$4) with (voltage transient))) and ((diode or full\$wave)adj (bridge rectif\$3)))) not (((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)) and emi) or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.)) (((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and (protection and (surge transient)).ab.) ((capacitor with (EMI or electromagnetic) with "chassis ground")) ((modem and (chassis chasis)).ab.) ((capacitor and ground and modem).ab.) (((("379").CLAS.) and "diode bridge") and ((coupl\$4 decoupl\$4) with capacitor)) and (emi esd electrostatic electromagnetic)) (((("379").CLAS.) and ((diode or (full\$wave)) adj bridge)) and (network adj coupl\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 14:29
S67	22	(varistor and (modem "data access arrangement" daa) and configuration and (protect\$4 suppress\$4) and interface) and ("diode bridge" or full\$wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 14:31
S68	127	((modem "data access arrangement" daa) and (protect\$4 suppress\$4) and interface).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 14:39

S69	124	(((modem "data access arrangement" daa) and (protect\$4 suppress\$4) and interface).ab.) not (((((modem ("data access")).ab.) and ((protect\$4 suppress\$4) with (voltage transient))) and ((diode or full\$wave)adj (bridge rectif\$3)))) not (((((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)) and emi) or (((((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)))) and (emi or "electromagnetic interference" or "electro\$magnetic interference"))) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.)) (((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and (protection and (surge transient)).ab.) ((capacitor with (EMI or electromagnetic) with "chassis ground"))) ((modem and (chassis chasis)).ab.) ((capacitor and ground and modem).ab.) (((("379").CLAS.) and "diode bridge") and ((coupl\$4 decoupl\$4) with capacitor)) and (emi esd electrostatic electromagnetic)) (((("379").CLAS.) and ((diode or (full\$wave)) adj bridge)) and (network adj coupl\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 14:35
S70	0	"20030086560".URPN.	USPAT	OR	OFF	2003/07/29 14:35
S71	278	(modem "data access arrangement" daa).ab. and (protect\$4 suppress\$4).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 14:41
S72	4	((modem "data access arrangement" daa).ab. and (protect\$4 suppress\$4).ti.) and (varist\$2 sidact\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 14:47
S73	0	("4023071,4616286").PN.	USPAT; USOCR	OR	OFF	2003/07/29 14:47

S74	1	("4023071").PN.	USPAT; USOCR	OR	OFF	2003/07/29 14:58
S75	1	("4616286").PN.	USPAT; USOCR	OR	OFF	2003/07/29 14:49
S76	0	("9854813").PN.	USPAT; USOCR	OR	OFF	2003/07/29 14:58
S77	377	(379/412).CCLS.	USPAT; USOCR	OR	OFF	2004/01/28 14:42
S78	24	(379/27.05).CCLS.	USPAT; USOCR	OR	OFF	2004/01/28 14:42
S79	1734	361/119	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/28 14:43
S80	2007	((379/412).CCLS.) ((379/27.05). CCLS.) 361/119	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/28 14:44
S81	3	361/119 and chasis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/20 16:28
S82	61	((379/412).CCLS.) and "diode bridge"	USPAT	OR	ON	2004/12/16 09:36
S83	254	((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((379/412).CCLS.) and "diode bridge") or ((379/412). CCLS.) and surge)) and emi) or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or ((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/20 16:28
S84	1	("5357568").PN.	USPAT; USOCR	OR	OFF	2003/07/28 12:24
S85	1	("5359657").PN.	USPAT; USOCR	OR	OFF	2003/07/28 12:25

S86	4	((protect\$4 and modem and interface and surge).ab.) not (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:39
S87	227	((379/27.05).CCLS.) or (((379/412).CCLS.) and surge) or (((((379/412).CCLS.) and "diode bridge") or ((379/412).CCLS.) and surge)) and emi) or (((((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or ((379/412).CCLS.) and surge)))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:53
S88	1054	((("data access" and (arrangement interface)).ab.) xor (("line access" and (arrangement interface)).ab.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 14:04
S89	18	((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and protection and (surge transient)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 14:05
S90	4	((("data access" and (arrangement interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and (protection and (surge transien)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 14:05
S91	8	((US-6411680-\$ or US-6282271-\$ or US-6212258-\$ or US-6563926-\$ or US-5146384-\$ or US-4941063-\$ or US-5642416-\$ or US-5369666-\$ or US-6351530-\$).did.) not (((((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or ((379/412).CCLS.) and surge)))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")) and emi)	USPAT	OR	OFF	2003/07/28 14:56

S92	4	(((((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electromagnetic interference")) and emi	USPAT	OR	OFF	2003/07/28 14:56
S93	0	(379/411).CCLS.	USPAT; USOCR	OR	OFF	2003/07/28 16:14
S94	0	(379/FOR194).CCLS.	USPAT; USOCR	OR	OFF	2003/07/28 16:27
S95	0	("87and"diodebridge").PN.	USPAT; USOCR	OR	OFF	2003/07/28 16:30
S96	0	("87and"diodebridge").PN.	USPAT; USOCR	OR	OFF	2003/07/28 16:30
S97	0	("87and"diodebridge").PN.	USPAT; USOCR	OR	OFF	2003/07/28 16:30
S98	0	("(dslandsurgeandprotect\$4andmod emandinterface).ab.").PN.	USPAT; USOCR	OR	OFF	2003/07/28 16:34
S99	0	(dsl and surge and protect\$4 and modem and interface).ab.	USPAT	OR	OFF	2003/07/28 13:29
S10 0	0	(dsl\$ and surge and protect\$4 and modem and interface).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:35
S10 1	0	(adsl and protect\$4 and modem and interface and transient).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:31
S10 2	0	((data and access and (arrangement interface)).ab.) and (modem and emi and protection). ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 13:58

S10 3	0	((("data access arrangement").ab.) not (((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((((379/412).CCLS.) and "diode bridge") or ((379/412). CCLS.) and surge)) and emi) or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or ((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.))) and (capacitor with (EMI or electromagnetic) with "chassis ground")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:26
S10 4	0	((("data access arrangement").ab.) not (((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((((379/412).CCLS.) and "diode bridge") or ((379/412). CCLS.) and surge)) and emi) or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or ((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electro\$magnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.))) and (capacitor with (EMI or electromagnetic) with chassis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:25

S10 5	0	((("data access arrangement").ab.) not (((379/27.05).CCLS.) or (((379/412).CCLS.) and "diode bridge") and (((379/412).CCLS.) and surge)) or (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)) and emi) or (((379/412).CCLS.) not (((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or "electromagnetic interference")) or (((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4 and modem and interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or ((protect\$4 and modem and surge).ab.))) and (capacitor with chassis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:26
S10 6	0	((US-6411680-\$ or US-6282271-\$ or US-6212258-\$ or US-6563926-\$ or US-5146384-\$ or US-4941063-\$ or US-5642416-\$ or US-5369666-\$ or US-6351530-\$).did.) and chassis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:34
S10 7	0	((US-6411680-\$ or US-6282271-\$ or US-6212258-\$ or US-6563926-\$ or US-5146384-\$ or US-4941063-\$ or US-5642416-\$ or US-5369666-\$ or US-6351530-\$).did.) and chasis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:35
S10 8	0	(emi and capacitor and chassis and ground and modem).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:57
S10 9	0	(esd and capacitor and ground and modem).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 15:59
S11 0	0	(capacitor and ground and modem).ab. and "diode bridge"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:02
S11 1	0	"modem network coupler"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:49

S11 2	0	"network coupl\$3"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:49
S11 3	0	"network coupl\$3"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:49
S11 4	0	"network coupl\$3"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/28 16:51
S11 5	88452	"370"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/29 10:28
S11 6	444	(379/412).CCLS.	USPAT; USOCR	OR	OFF	2004/12/16 09:39
S11 7	24	(379/27.05).CCLS.	USPAT; USOCR	OR	OFF	2004/12/16 09:36
S11 8	1832	361/119	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 09:36
S11 9	122	S116 and bridge	USPAT	OR	OFF	2004/12/16 09:40
S12 0	81	S119 and capacitor	USPAT	OR	OFF	2004/12/16 09:40